

- 27 -

Claims:

1. A composition which is selected from the group consisting of a microemulsion, a liquid crystal, or a mixture of a microemulsion and a liquid crystal which comprises an antiperspirant salt, a cosmetic oil, and a combination of at least one cationic quaternary surfactant and at least one nonionic surfactant.
2. A composition in accordance with claim 1 characterised in that said antiperspirant salt is selected from the group consisting of aluminum, zirconium and mixed aluminum/zirconium salts.
3. A composition in accordance with claim 1 or 2 characterised in that said antiperspirant salt is a zirconium salt complexed with aluminum salts having coordinated or bound water.
4. A composition in accordance with any preceding claim characterised in that said antiperspirant salt is present in the aqueous phase at from about 1 to about 60%.
5. A composition in accordance with claim 4 characterised in that said antiperspirant salt is present in the aqueous phase at from 10% to about 60%.
6. A composition in accordance with any preceding claim characterised in that said aqueous phase further comprises a buffer, a glycol, a sugar, a cyclodextrin,

- 28 -

A2cont.

a preservative, an antimicrobial, a chelating agent, a water-soluble polymer, an anticholinergic, a monovalent salt, a divalent salt, a trivalent salt, fragrances or mixtures thereof.

5

7. A composition in accordance with any preceding claim in which said aqueous phase is present at about 1% to about 60%, more preferably at 5% to 30%, and most preferably at 10 to 25%.

10

8. A composition in accordance with any preceding claim characterised in that said cosmetic oil comprises esters, ethers, long chain alcohols or ethoxylated alcohols, hydrocarbons, fatty acids, monoglycerides, diglycerides triglycerides, fragrances and volatile or non-volatile silicone fluids, and cholesterol.

15

20

9. A composition in accordance with claim 8 characterised in that said oil phase comprises silicone fluids which in turn comprise a volatile or non-volatile silicone such as cyclomethicone or dimethicone.

125  
A3

25

10. A composition in accordance with claim 8 or 9 characterised in that said non-volatile silicone is phenyl tris(trimethylsiloxy)silane.

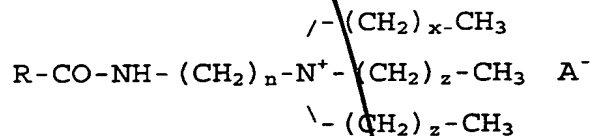
30

11. A composition in accordance with claim 8 characterised in that said esters are selected from the group consisting of cetyl octanoate, C12 -15 alcohol benzoate, isostearyl benzoate, diisopropyl adipate and mixtures thereof.

- 29 -

12. A composition in accordance with claim 8 wherein said hydrocarbon fluids are selected from the group such as aliphatic hydrocarbons; hydrogenated polydecenes; hydrogenated polybutenes; dioctylcyclohexane; mineral oil, cyclohexane and mixtures thereof.

13. A composition in accordance with any preceding claim characterised in that the cationic quaternary ammonium surfactant has the following structure:



wherein n is one to six.

x is zero to three

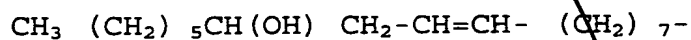
y is zero to three

z is zero to three

with the proviso that  $x+y+z \leq 6$

$A^-$  is any physiologically acceptable counter ion which does not adversely affect the composition, and more specifically  $A^-$  can be selected from the group consisting of chloride, bromide, ethosulfate, methyl sulfate, lactate, acetate, nitrate or sulfate.

where R is a ricinoleic derivative:



Or mixtures thereof.

14. A composition in accordance with claim 13 wherein  $n=3$ ,  $x=1$ ,  $y=0$ ,  $z=0$ ,  $A^-$  = ethosulfate and  $R = CH_3-(CH_2)_5-CH(OH)-CH_2-CH=CH-(CH_2)_7-$ .

- 30 -

15. A composition in accordance with any preceding claim characterised in that said cationic quaternary ammonium surfactant is present at 0.1% to 30%, more preferably at 1% to 30%, most preferably at 2% to 15%.
- 5
16. A method for controlling or preventing underarm perspiration and malodor which comprises applying, to an underarm, an effective amount of a composition of claim 1.